

STATUS AND PROBLEMS OF THE IDCS

This document reports on the status and use of the Meteosat international DCP channels (IDCS).

CGMS Members are invited to take note.

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1 STATUS

At the present time around 610 International DCP (IDCP) are registered worldwide for use with the IDCS, using 18 of the 33 available channels (see below). Of these, 20 are Aeronet DCP operating on channels I23-I24 and 154 are “Regional” DCP belonging to WMO agro-meteorological and hydro-meteorological networks and operating on channels I27-I33.

Globally, the total number of IDCP operating on individual IDCS channels are:

Channel	06	07	12	13	14	15	16	18	20	23	24	27	28	29	30	31	32	33
No. IDCP	113	119	35	6	39	52	39	21	12	10	10	27	20	12	31	31	14	19

During July 2000, EUMETSAT processed around 14,931 messages from 50 IDCP operating on channels I6 – I20 (in the Meteosat field of view). In addition, there were 29,760 Aeronet messages and 38,192 WMO network messages.

Finally, it will be recalled that channels I23-I24 and I27-I33 are currently being used within the Meteosat IDCS on a temporary basis with the special agreement of CGMS until such time that the DCP can be transferred to the MSG Data Collection System (now expected during 2002).

2 INTERFERENCE TO THE IDCS

Because of other commitments, there is currently only partial monitoring of the IDCS channels by EUMETSAT, however, during the last twelve months there appears to have been negligible interference affecting users of IDCS channels within the Meteosat telecommunications field of view.

3 CONSOLIDATED LIST OF IDCS ALLOCATIONS

Reference to the on-line listing of IDCS allocations (www.eumetsat.de/idcs/) shows that there have been very few allocations during the last year. At the present time the following Members have read/write access: EUMETSAT, Japan and USA. WMO has read-only access for system monitoring purposes. CGMS Members may access this database at any time and the CGMS Secretariat (EUMETSAT) is responsible for keeping the database up-to-date.

4 DCP DATA ACCESS USING THE MISSION DATA RECEPTION SYSTEM

The EUMETSAT Mission Data Reception System (MDRS) allowing certain DCP users to access

their data via the World Wide Web has continued to operate during the last year. It will be recalled that this service allows registered DCP operators to view and download their DCP messages from the EUMETSAT website. Various system performance parameters are also provided through this system. Access to the system is via a link on the website and operators first have to register with EUMETSAT so that they can be provided with a user name and password.

5 END TO END TEST OF THE IDCS

A basic set of DCP performance monitoring statistics was developed during 1999, which was designed to provide satellite operators and WMO with an overview of the operation of the IDCS in general. The monitoring statistics were jointly developed by EUMETSAT, Japan and the USA, in coordination with WMO. At CGMS XXVII, Members were encouraged to adopt monitoring schemes based upon the use of these parameters.

Because of many high priority technical activities associated with preparations for MSG-1 operations, to date, only limited monitoring of the performance of IDCPs is carried out by EUMETSAT. However, where specific problems do arise for a user, then detailed monitoring of an individual DCP's performance can be quickly initiated.

6 IDCS USERS GUIDE

Copies of Issue 8 of this document (reference CGMS02), in PDF format, can be downloaded from the EUMETSAT website <http://www.eumetsat.de/publications/CGMS>.

7 CONCLUSION

CGMS Members are invited to take note of the status and performance of the IDCS.